

**CUSTOMIZABLE WEB SITE ACCESS SYSTEM
AND METHOD THEREFORE**

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CLAIM TO PRIORITY

The present application claims priority to United States Provisional Application No. 60/242,340, filed October 20, 2000 and entitled "Customizable Web Site Access System and Method Therefore", and to United States Provisional Application No. 60/286,189, filed April 24, 2001, and entitled "Customizable Web Site Access System and Method Therefore". Both of the identified provisional patent applications are hereby incorporated by reference in their entirety.

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COMPACT DISC

A compact disc containing codes and information describing a preferred embodiment of the present invention is submitted herewith and is hereby incorporated by reference. The compact disc contains the following files and/or programs:

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Title	Size in Bytes	Date of Creation
_vti_inf.html	1,759	08/10/2001
aboutus.asp	4,028	08/10/2001
composer.asp	7,698	08/10/2001
composer_edit.asp	17,961	08/10/2001
composer_saved.asp	4,264	09/20/2001
contact.htm	3,364	08/17/2001
contactus.asp	1,509	08/10/2001
default.asp	515	08/10/2001
director.asp	2,752	08/10/2001
director_api.asp	9,608	08/10/2001
director_simulator.asp	5,881	08/10/2001
director2.asp	2,964	08/10/2001
error.asp	1,500	08/10/2001
favicon.ico	7,406	08/10/2001
index.asp	2,172	08/10/2001

	Title	Size in Bytes	Date of Creation
	index.htm	3,646	09/20/2001
	index_example.htm	5,991	08/10/2001
	index_troy.htm	3,595	08/10/2001
5	install.asp	2,837	08/10/2001
	intruder.asp	2,778	08/10/2001
	jsperformer.asp	17,711	08/17/2001
	jsperformer.css	66	08/10/2001
	jsperformer.js	6,027	08/10/2001
10	launch.htm	306	08/10/2001
	launch2.htm	1,263	08/31/2001
	performer.asp	2,263	08/10/2001
	performer2.asp	2,493	08/10/2001
	postinfo.html	2,501	08/10/2001
15	promo.asp	1,934	08/10/2001
	register.asp	30,425	08/23/2001
	signin.asp	6,415	08/17/2001
	signout.asp	2,050	08/10/2001
	support.asp	1,288	08/10/2001
20	surfgear.asp	1,874	08/10/2001
	form_results.txt	0	08/10/2001
	form_results.txt	1,491	08/10/2001
	aboutus.asp	1,650	08/15/2001
	composer.asp	2,146	09/20/2001
25	composer_edit.asp	2,339	08/15/2001
	composer_saved.asp	1,876	09/20/2001
	contact.htm	1,472	08/17/2001
	contactus.asp	1,782	08/15/2001
	default.asp	1,800	08/15/2001
30	director.asp	1,893	08/31/2001
	director_api.asp	1,819	09/20/2001
	director_simulator.asp	1,723	08/15/2001
	director2.asp	1,105	08/15/2001
	error.asp	1,674	08/15/2001
35	favicon.ico	401	08/10/2001
	index.asp	1,897	09/20/2001
	index.htm	2,016	09/20/2001
	index_example.htm	1,732	08/15/2001
	index_troy.htm	1,523	08/15/2001
40	install.asp	2,083	09/20/2001
	intruder.asp	1,628	08/15/2001
	jsperformer.asp	2,037	09/20/2001
	jsperformer.css	779	08/10/2001
	jsperformer.js	864	08/31/2001

	Title	Size in Bytes	Date of Creation
	launch.htm	786	08/31/2001
	launch2.htm	783	09/20/2001
5	performer.asp	1,359	08/31/2001
	performer2.asp	1,615	08/15/2001
	promo.asp	708	08/17/2001
	register.asp	3,457	09/20/2001
	signin.asp	2,018	08/17/2001
10	signout.asp	1,820	09/20/2001
	support.asp	1,721	08/15/2001
	surfgear.asp	1,603	08/15/2001
	access.cnf	128	08/10/2001
	botinfo.cnf	146	09/20/2001
	bots.cnf	323	09/20/2001
15	deptodoc.bt	324	09/20/2001
	doctodep.bt	84,996	09/20/2001
	frontpg.lck	0	08/10/2001
	linkinfo.cnf	6,767	09/20/2001
20	service.cnf	1,436	09/20/2001
	service.lck	0	09/20/2001
	services.cnf	10	08/10/2001
	structure.cnf	92	09/20/2001
	svcacl.cnf	66	08/10/2001
	uniqperm.cnf	0	08/10/2001
25	writeto.cnf	25	08/10/2001
	index.asp	1,469	08/10/2001
	site_usage.asp	2,178	08/10/2001
	user_edit.asp	26,884	08/10/2001
	users.asp	11,777	08/10/2001
30	index.asp	1,736	08/15/2001
	site_usage.asp	680	08/15/2001
	user_edit.asp	2,812	08/15/2001
	users.asp	2,148	08/15/2001
35	betty.htm	19,973	08/10/2001
	betty.htm	6,923	08/15/2001
	000.gif	61	08/10/2001
	app.htm	3,782	09/26/2001
	app2.htm	3,784	09/20/2001
40	avenue.jpg	12,037	08/10/2001
	BWWA.jpg	11,984	08/10/2001
	composer.htm	3,672	08/17/2001
	composer.jpg	9,440	08/10/2001
	contact.htm	3,333	08/17/2001
	director.htm	3,335	08/17/2001

	Title	Size in Bytes	Date of Creation
	director.jpg	6,047	08/10/2001
	DQ.htm	3,941	08/17/2001
	DQ.jpg	28,094	08/10/2001
5	fee.htm	3,475	08/17/2001
	fee.jpg	9,642	08/10/2001
	idea.jpg	5,659	08/10/2001
	index.htm	3,688	08/17/2001
	install.htm	4,399	08/10/2001
10	install.jpg	6,150	08/10/2001
	JS.htm	3,526	08/17/2001
	JS.jpg	15,828	08/10/2001
	MH.htm	3,445	08/17/2001
	MH.jpg	19,992	08/10/2001
15	performer.htm	3,433	08/17/2001
	performer.jpg	5,551	08/10/2001
	PR010815.htm	7,674	10/11/2001
	PR010829.htm	6,398	10/11/2001
	PR010926.htm	4,258	10/11/2001
20	PR011010.htm	4,408	10/11/2001
	product.htm	3,893	09/29/2001
	public.htm	3,522	10/11/2001
	public.jpg	5,158	09/29/2001
	rendition.htm	3,444	08/17/2001
25	rendition.jpg	11,622	08/10/2001
	service.htm	12,659	08/17/2001
	service.jpg	5,158	08/10/2001
	sglogo.gif	1,067	08/10/2001
	studio.jpg	13,747	08/10/2001
30	system.gif	14,446	08/10/2001
	system.htm	2,664	08/17/2001
	team.htm	3,492	08/17/2001
	team.jpg	24,382	08/10/2001
	000.gif	787	09/29/2001
35	app.htm	1,960	09/29/2001
	app2.htm	1,710	09/20/2001
	avenue.jpg	615	08/11/2001
	BWWA.jpg	617	08/17/2001
	composer.htm	1,489	08/17/2001
40	composer.jpg	617	08/11/2001
	contact.htm	1,596	09/29/2001
	director.htm	1,426	08/17/2001
	director.jpg	617	08/11/2001
	DQ.htm	1,707	08/17/2001

	Title	Size in Bytes	Date of Creation
	DQ.jpg	612	08/11/2001
	fee.htm	1,690	09/29/2001
	fee.jpg	612	08/11/2001
5	idea.jpg	621	08/17/2001
	index.htm	1,669	09/29/2001
	install.htm	1,805	08/17/2001
	install.jpg	616	08/11/2001
	JS.htm	1,461	08/17/2001
10	JS.jpg	612	08/11/2001
	MH.htm	1,463	08/17/2001
	MH.jpg	612	08/11/2001
	performer.htm	1,444	08/17/2001
	performer.jpg	618	08/11/2001
15	PR010815.htm	1,578	10/11/2001
	PR010829.htm	1,436	10/11/2001
	PR010926.htm	1,448	10/11/2001
	PR011010.htm	1,391	10/11/2001
	product.htm	1,696	09/29/2001
20	public.htm	1,440	10/11/2001
	public.jpg	517	10/11/2001
	rendition.htm	1,438	08/17/2001
	rendition.jpg	619	08/11/2001
	service.htm	1,362	08/17/2001
25	service.jpg	605	08/11/2001
	sglogo.gif	524	08/11/2001
	studio.jpg	617	08/17/2001
	system.gif	528	08/11/2001
	system.htm	1,401	08/17/2001
30	team.htm	1,625	09/29/2001
	team.jpg	614	08/11/2001
	_x_todo.htm	578	08/10/2001
	_x_todoh.htm	580	08/10/2001
	access.cnf	127	08/10/2001
35	deptodoc.bt	324	10/11/2001
	doctodep.bt	21,492	10/11/2001
	linkinfo.cnf	1,065	10/11/2001
	service.cnf	1,397	10/11/2001
	service.lck	0	10/11/2001
40	services.cnf	3	08/10/2001
	structure.cnf	92	08/10/2001
	writeto.cnf	25	08/10/2001
	_x_todo.htm	459	08/10/2001
	_x_todoh.htm	460	08/10/2001

	Title	Size in Bytes	Date of Creation
	livesurf_v1.asp	8,155	08/10/2001
	performer.asp	8,367	08/10/2001
5	livesurf_v1.asp	2,786	09/20/2001
	performer.asp	2,786	09/20/2001
	get_page.asp	3,441	08/10/2001
	get_page.inc	4,325	08/10/2001
	inet.asp	602	08/10/2001
	get_page.asp	2,140	08/15/2001
10	get_page.inc	1,339	08/10/2001
	inet.asp	1,918	08/15/2001
	database_081001.sql	3,941	08/10/2001
	surfgear.DAT	6,156,416	08/10/2001
	database_081001.sql	179	08/15/2001
15	surfgear.DAT	182	08/15/2001
	banner_375_50.gif	2,830	08/10/2001
	corner_ll.gif	863	08/10/2001
	corner_lr.gif	865	08/10/2001
	corner_ul.gif	860	08/10/2001
20	corner_ur.gif	864	08/10/2001
	corner20_ul.gif	887	08/10/2001
	corner20_ur.gif	887	08/10/2001
	edit_button.gif	1,085	08/10/2001
	qmark_trans.gif	933	08/10/2001
25	sglogo.gif	1,067	08/10/2001
	space.gif	55	08/10/2001
	surfgear_black_dropshadow.jpg	4,132	08/10/2001
	surfguy.gif	983	08/10/2001
	tour.gif	3,506	08/10/2001
30	banner_375_50.gif	1,591	08/15/2001
	corner_ll.gif	1,507	08/15/2001
	corner_lr.gif	1,507	08/15/2001
	corner_ul.gif	1,507	08/15/2001
	corner_ur.gif	1,507	08/15/2001
35	corner20_ul.gif	1,700	08/15/2001
	corner20_ur.gif	1,700	08/15/2001
	edit_button.gif	1,536	08/15/2001
	qmark_trans.gif	1,688	08/15/2001
	sglogo.gif	462	08/15/2001
40	space.gif	1,781	08/15/2001
	surfgear_black_dropshadow.jpg	803	08/15/2001
	surfguy.gif	1,618	08/15/2001
	tour.gif	1,509	08/15/2001
	webguy108x125.gif	3,753	08/10/2001

	Title	Size in Bytes	Date of Creation
	webguy74x84.gif	2,830	08/10/2001
	world.gif	5,168	08/10/2001
	webguy108x125.gif	1,510	08/15/2001
5	webguy74x84.gif	1,590	08/15/2001
	world.gif	1,593	09/20/2001
	constants.asp	6,463	08/16/2001
	footer.asp	3,649	08/10/2001
	header.asp	4,006	08/10/2001
10	leftnav.asp	3,605	08/10/2001
	constants.asp	1,656	08/16/2001
	footer.asp	2,164	08/15/2001
	header.asp	2,317	08/15/2001
	leftnav.asp	1,147	08/15/2001
15	install.reg	984	08/10/2001
	performer.exe	77,824	08/10/2001
	performer_105.exe	49,152	08/10/2001
	SGEngine4.exe	40,960	08/10/2001
	surfsettings.reg	134	08/10/2001
20	install.reg	1,056	08/10/2001
	performer.exe	493	08/10/2001
	performer_105.exe	1,047	08/10/2001
	SGEngine4.exe	1,285	08/10/2001
	surfsettings.reg	1,283	08/10/2001
25	surfgear.zip	22,319	08/10/2001
	surfgear.zip	1,205	08/10/2001
	_director.asp	8,843	08/10/2001
	_director2.asp	2,726	08/10/2001
	1.0_jsperformer.asp	11,929	08/10/2001
30	1.0_jsperformer.js	6,453	08/10/2001
	1.0_performer.asp	1,853	08/10/2001
	1.01_director.asp	3,964	08/10/2001
	1.01_jsperformer.asp	16,383	08/10/2001
	1.01_jsperformer.js	6,151	08/10/2001
35	1.01_performer.asp	3,209	08/10/2001
	aboutus.asp	6,220	08/10/2001
	contactus.asp	3,676	08/10/2001
	director.asp	2,730	08/10/2001
	dsim.html	13,407	08/10/2001
40	get_page.asp	3,462	08/10/2001
	get_page.inc	4,325	08/10/2001
	index.asp	4,733	08/10/2001
	inet.asp	602	08/10/2001
	jsperformer.asp	16,781	08/10/2001

	Title	Size in Bytes	Date of Creation
	jsperformer.js	6,027	08/10/2001
	launch.htm	306	08/10/2001
	livesurf.asp	1,992	08/10/2001
5	livetest.asp	4,041	08/10/2001
	org_surf.asp	8,079	08/10/2001
	performer.asp	2,258	08/10/2001
	register.asp	21,170	08/10/2001
	scripts.asp	9,303	08/10/2001
10	signin.asp	8,020	08/10/2001
	support.asp	3,456	08/10/2001
	surf.asp	8,429	08/10/2001
	surfgear.asp	1,874	08/10/2001
	troy_surf.asp	8,124	08/10/2001
15	vb_install.asp	5,634	08/10/2001
	vbsurf.asp	2,093	08/10/2001
	_director.asp	1,830	09/20/2001
	_director2.asp	619	08/15/2001
	1.0_jsperformer.asp	1,704	09/20/2001
20	1.0_jsperformer.js	481	08/10/2001
	1.0_performer.asp	793	08/15/2001
	1.01_director.asp	793	08/15/2001
	1.01_jsperformer.asp	1,700	09/20/2001
	1.01_jsperformer.js	481	08/10/2001
25	1.01_performer.asp	793	08/15/2001
	aboutus.asp	2,692	09/20/2001
	contactus.asp	2,788	08/15/2001
	director.asp	859	08/15/2001
	dsim.html	3,613	09/20/2001
30	get_page.asp	2,167	08/15/2001
	get_page.inc	1,339	08/10/2001
	index.asp	2,665	08/15/2001
	inet.asp	1,918	08/15/2001
	jsperformer.asp	1,949	09/20/2001
35	jsperformer.js	801	08/10/2001
	launch.htm	677	08/15/2001
	livesurf.asp	1,105	08/15/2001
	livetest.asp	1,729	08/15/2001
	org_surf.asp	2,079	09/20/2001
40	performer.asp	1,092	08/15/2001
	register.asp	3,841	08/15/2001
	scripts.asp	3,015	08/15/2001
	signin.asp	2,771	08/15/2001
	support.asp	2,722	08/15/2001

	Title	Size in Bytes	Date of Creation
	surf.asp	2,786	09/20/2001
	surfgear.asp	1,603	08/15/2001
	troy_surf.asp	2,051	09/20/2001
5	vb_install.asp	2,982	08/15/2001
	vbsurf.asp	1,619	08/15/2001
	livesurf_api.asp	15,268	08/10/2001
	livesurf_api.asp	3,906	09/20/2001
	datamodel.mdb	169,984	08/10/2001
10	datamodel.mdb	1,206	08/10/2001
	banner_375_50.gif	2,830	08/10/2001
	corner_ll.gif	863	08/10/2001
	corner_lr.gif	865	08/10/2001
	corner_ul.gif	860	08/10/2001
15	corner_ur.gif	864	08/10/2001
	corner20_ul.gif	887	08/10/2001
	corner20_ur.gif	887	08/10/2001
	edit_button.gif	1,085	08/10/2001
	qmark_trans.gif	933	08/10/2001
20	space.gif	55	08/10/2001
	surfguy.gif	983	08/10/2001
	tour.gif	3,506	08/10/2001
	banner_375_50.gif	1,540	08/15/2001
	corner_ll.gif	1,507	08/15/2001
25	corner_lr.gif	1,507	08/15/2001
	corner_ul.gif	1,507	08/15/2001
	corner_ur.gif	1,507	08/15/2001
	corner 20_ul.gif	1,575	08/15/2001
	corner 20_ur.gif	1,575	08/15/2001
30	edit_button.gif	1,524	08/15/2001
	qmark_trans.gif	1,609	08/15/2001
	space.gif	1,766	08/15/2001
	surfguy.gif	1,561	08/15/2001
	tour.gif	1,509	08/15/2001
35	webguy108x125.gif	3,753	08/10/2001
	webguy74x84.gif	2,830	08/10/2001
	world.gif	5,168	08/10/2001
	webguy108x125.gif	1,510	08/15/2001
	webguy74x84.gif	1,539	08/15/2001
40	world.gif	1,509	08/15/2001
	constants.asp	6,039	08/10/2001
	header.asp	3,814	08/10/2001
	leftnav.asp	3,608	08/10/2001
	constants.asp	1,603	08/15/2001

	Title	Size in Bytes	Date of Creation
	header.asp	2,490	08/15/2001
	leftnav.asp	1,243	08/15/2001
	install.reg	961	08/10/2001
5	SGEngine4.exe	40,960	08/10/2001
	surfgear.exe	49,152	08/10/2001
	surfsettings.reg	134	08/10/2001
	install.reg	1,064	08/10/2001
	SGEngine4.exe	1,285	08/10/2001
10	surfgear.exe	1,066	08/10/2001
	surfsettings.reg	1,283	08/10/2001
	ex0108.log	630,077	08/10/2001
	ex0108.log	403	08/10/2001
	aboutus.asp	6,220	08/10/2001
15	contactus.asp	3,676	08/10/2001
	default.asp	515	08/10/2001
	error.asp	3,816	08/10/2001
	get_page.asp	3,462	08/10/2001
	get_page.inc	4,325	08/10/2001
20	index.asp	4,733	08/10/2001
	inet.asp	602	08/10/2001
	livesurf.asp	1,992	08/10/2001
	livetest.asp	4,041	08/10/2001
	register.asp	21,175	08/10/2001
25	script_edit.asp	17,276	08/10/2001
	script_saved.asp	7,669	08/10/2001
	scripts.asp	9,170	08/10/2001
	signin.asp	8,020	08/10/2001
	support.asp	3,456	08/10/2001
30	surf.asp	8,079	08/10/2001
	surfgear.asp	1,874	08/10/2001
	vb_install.asp	5,634	08/10/2001
	vbsurf.asp	2,093	08/10/2001
	aboutus.asp	3,101	09/20/2001
35	contactus.asp	3,223	08/15/2001
	default.asp	1,800	08/15/2001
	error.asp	2,783	08/15/2001
	get_page.asp	2,245	08/15/2001
	get_page.inc	1,339	08/10/2001
40	index.asp	3,039	08/15/2001
	inet.asp	1,918	08/15/2001
	livesurf.asp	1,105	08/15/2001
	livetest.asp	1,768	08/15/2001
	register.asp	4,432	08/15/2001

	Title	Size in Bytes	Date of Creation
	script_edit.asp	3,539	08/15/2001
	script_saved.asp	3,147	08/15/2001
	scripts.asp	3,531	08/15/2001
5	signin.asp	3,070	08/15/2001
	support.asp	3,116	08/15/2001
	surf.asp	3,074	09/20/2001
	surfgear.asp	1,603	08/15/2001
	vb_install.asp	3,268	08/15/2001
10	vbsurf.asp	1,632	08/15/2001
	livesurf_api.asp	15,268	08/10/2001
	livesurf_api.asp	4,361	09/20/2001
	datamodel.mdb	169,984	08/10/2001
	datamodel.mdb	1,206	08/10/2001
15	banner_375_50.gif	2,830	08/10/2001
	corner_ll.gif	863	08/10/2001
	corner_lr.gif	865	08/10/2001
	corner_ul.gif	860	08/10/2001
	corner_ur.gif	864	08/10/2001
20	corner20_ul.gif	887	08/10/2001
	corner20_ur.gif	887	08/10/2001
	edit_button.gif	1,085	08/10/2001
	qmark_trans.gif	933	08/10/2001
	space.gif	55	08/10/2001
25	surfguy.gif	983	08/10/2001
	tour.gif	3,506	08/10/2001
	banner_375_50.gif	1,553	08/15/2001
	corner_ll.gif	1,507	08/15/2001
	corner_lr.gif	1,507	08/15/2001
30	corner_ul.gif	1,507	08/15/2001
	corner_ur.gif	1,507	08/15/2001
	corner20_ul.gif	1,578	08/15/2001
	corner20_ur.gif	1,578	08/15/2001
	edit_button.gif	1,537	08/15/2001
35	qmark_trans.gif	1,672	08/15/2001
	space.gif	1,996	08/15/2001
	surfguy.gif	1,564	08/15/2001
	tour.gif	1,543	08/15/2001
	webguy108x125.gif	3,753	08/10/2001
40	webguy74x84.gif	2,830	08/10/2001
	world.gif	5,168	08/10/2001
	webguy108x125.gif	1,510	08/15/2001
	webguy74x84.gif	1,552	08/15/2001
	world.gif	1,509	08/15/2001

	Title	Size in Bytes	Date of Creation
	constants.asp	5,875	08/10/2001
	header.asp	3,823	08/10/2001
	leftnav.asp	3,608	08/10/2001
5	constants.asp	1,603	08/15/2001
	header.asp	2,386	08/15/2001
	leftnav.asp	1,308	08/15/2001
	install.reg	961	08/10/2001
	SGEngine4.exe	40,960	08/10/2001
10	surfgear.exe	49,152	08/10/2001
	surfsettings.reg	134	08/10/2001
	install.reg	1,077	08/10/2001
	SGEngine4.exe	1,285	08/10/2001
	surfgear.exe	1,079	08/10/2001
15	surfsettings.reg	1,283	08/10/2001

FIELD OF THE INVENTION

The present invention relates to the manner in which a user and/or developer of the World Wide Web presents and/or accesses a web site and, more specifically, to a system and method to enable multiple types of automated navigation through a plurality of web site addresses.

BACKGROUND OF THE INVENTION

Currently, various web site owners and developers are attempting to captivate their audience with cutting-edge presentations through large investments in animation and streaming media. Those investments have decayed rapidly as the content of the site changes and becomes obsolete. However, without attempting to use these types of costly presentations, web site owners and developers must passively accept the random paths through the available content that visitors to the site choose to review, resulting in a significant amount of site content that is never seen.

From a user's perspective, access to the World Wide Web is most often achieved by accessing a single-source, static destination, e.g., a single web site address, and navigating vertically through multiple pages at a single destination by selecting navigational links within a web page. Alternatively, the user utilizes the results list of a search engine to access the various web sites that are directed to the user's topic of interest. To review numerous web sites in the results list, the user must continually return from the topic site to the list to reach the next web page link making navigation of the sites an often unnecessarily lengthy and tedious task.

As such, there is a need for a web site access system that enables web site owners and developers to provide an automated presentation of desired web page sequences without the costs of reprogramming site content or installing development tools, and that enables web site users to adjust those presentations to their preferences and/or enact their own presentation of web sites of interest, such as through the use of search engine results.

SUMMARY OF THE INVENTION

The needs described above are in large measure addressed by the customizable web site access system of the present invention. The system is comprised of a software program incorporating both a composing portion and a performing portion. The composing portion of the software program is used to create a presentation. The presentation includes a list of URLs for display, a desired sequence of display of the URLs, and a duration of display of the URLs. The performing portion of the software program operates to load and automatically display the presentation to a user of the web according to the URL list, sequence of display, and duration of display.

The performing portion of the software program also preferably provides a control panel whereby a web user can not only pause or stop the presentation but can also change the sequence and/or duration of display of each of the URLs of the presentation. The use of the software program of the present invention enables various types of navigation through the web including horizontal navigation, vertical navigation, or item navigation of web sites.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a block diagram depicting a customizable web site access system of the present invention.

Fig. 2A is a flow chart depicting the operation of the composer portion of the customizable web site access system of the present invention.

Fig. 2B is a flow chart depicting the operation of the performer portion of the customizable web site access system of the present invention.

Fig. 3 is an example of a web page for the entry of desired user data to be implemented through the customizable web site access system of the present invention.

Fig. 4 is an example of a header that may be displayed at the top of each web site accessed by the system of the present invention.

Fig. 5 is an example of a horizontal navigation web site address list.

Fig. 6 depicts a typical web site home page incorporating a plurality of links to other web pages within the web site.

Fig. 7 is an example of a vertical navigation web site address list.

Fig. 8 depicts the web site of Fig. 6, wherein the present invention has been invoked, provides a display screen, and presents a slide show of the linked web pages within the web site.

Fig. 9 (pages 1 and 2) depicts a typical search result list of a search performed by a search engine.

5 Fig. 10 is an example of an item navigation web site address list corresponding to the search results of Fig. 9.

Fig. 11 depicts the search result list of Fig. 9, wherein the present invention has been invoked, provides a display screen, and presents a slide show of the addresses within the search result list.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

10 The web site access system of the present invention enables site owners and developers to create, in a matter of minutes, automated and customized presentations of multiple web pages that dynamically present more content in less time to users without the expense of any new development. The web site access system of the present invention operates to combine the
15 bookmark feature of web browsers with the slide show feature of presentation software. With the present invention, site owners and developers can easily change the page sequence, adjust the timing, and add an audio overlay to the web presentation. At the same time, a user visiting a site can view those presentations of interest at their desired pace and a user presented with a search
20 engine results list can view the list's web sites in an automated, sequential fashion without returning continuously to the original search engine results list.

Fig.1 provides an overview block diagram of the system architecture of the customizable web site access system 10 of the present invention. As shown, system 10 is a software program incorporating two main components, a composer 12 and a performer 14 that are preferably stored on a host server 16. Composer 12 may be manually invoked by a site owner/developer 18 to
5 create a customized presentation 20 of multiple web pages or may be automatically invoked by a query-based system 22, e.g., search engine, to create a customized presentation of the multiple web pages resulting from a query. In either instance, the URLs of the sites that comprise the presentation and the corresponding options of the presentation, e.g., sequence of the URLs, the duration that each is to be displayed, whether the sequence is to be continuously repeated, etc.,
10 are stored on the host server 16 or, alternatively, sent directly to the performer 14 for display via a programming interface.

The performer 14 is that portion of the software of system 10 that a user/visitor 24 to the web utilizes to access and view the customized presentation 20. The performer 14 may be activated by a user 24 by simply entering a web site, by selecting a site from a directory of sites,
15 by selecting a hyperlink embedded within a message, by selecting a certain presentation 20 from a gallery of presentations 20, etc. Essentially, any manner of reaching a web site can be established as the invoker of the performer 14. Upon invoking the performer 14, the user 24 is not only provided with the presentation 20 but is also provided by the performer with the ability to modify the presentation 20 to their desires, e.g., pausing on a certain page, escaping/canceling
20 the performer, changing the sequence of pages displayed, and changing the duration of pages displayed.

A flowchart depicting the preferred operation of the composer 12 is shown in Fig. 2A. As indicated, per input block 302, composer 12 preferably prompts the site owner/developer to enter owner registration information. The owner registration information may be in the form of a name, password, or other type of user identifier. The owner registration information is then used to determine whether the registrant is a new registrant, per decision block 303. If the registrant is new, a new registrant identifier is stored at the host server 16, per stored data block 305, and the new registrant is prompted to enter their desired preferences for their presentation 20 (as described per option one below). If the registrant is not new, the registration identifier is verified, per operations block 304, to determine if the registration data corresponds to previously entered registration data that is stored on host server 16.

If the entered registration data does not correspond to previously entered registration data, per decision block 306, the site owner/developer is requested to enter their owner registration information again, per input block 302. However, if the entered registration data does correspond to previously entered registration data, per decision block 306, the site owner/developer is provided with two options: (1) modifying their previously entered desired presentation preferences; or (2) using the previously entered settings, per decision block 318.

Option one follows the left-hand side of the flowchart of Fig. 2A and, as shown, the site owner/developer is requested to input/modify their desired settings. Specifically, the site owner/developer is requested to input their desired list of web sites through which they would like system 10 to sequence, per input block 308. The manner of input may be an interactive user interface, e.g., the user enters the list through a keyboard, or it may be a previously existing text file containing a plurality of web addresses that is retrieved as a parameter list by an automatic

operation of composer 12. Still another manner of input may be the results list of a search engine or data base query. The results list may be entered as a parameter list by an automatic operation of composer 12, e.g., composer 12 automatically receives the results list of web site addresses and produces a corresponding presentation 20. Alternatively, the site owner/developer may accept the default values of system 10, per input block 309. In the preferred embodiment of the present invention, the site owner/developer is provided with all above-described options for entering a desired list of web site addresses. Of course, numerous other manners of entering a desired list of web site addresses may be used without departing from the spirit or scope of the invention.

Per the flowchart of Fig. 2A, the site owner/developer is also requested to input the desired duration of display for each listed web site, per input block 310, or accept the default values of system 10, per input block 309. Alternatively, the site owner/developer may enter a default duration to be used with each listed web site.

The site owner/developer is further requested to enter the number of times they would like the performer 14 of system 10 to replay their entered list of web sites, per input block 312, or accept the default values of system 10, per input block 309. Alternatively, the site owner/developer may simply enter that they wish their entered list of web sites to be continuously replayed. The site owner/developer is also requested to enter the order in which they would like their entered list of web sites to be displayed, i.e., in sequential order (the order in which the site owner/developer entered the web sites in their list) or in random order, per input block 314, or accept the default values of system 10, per input block 309. Whether the

preferences comprise new settings, previously entered settings (decision block 318) or default values, each of the preferences is stored on the host server 16, per stored data block 316.

Option two, as mentioned above, comprises using the previously entered settings, per decision block 318.

5 A flowchart depicting the preferred operation of the performer 14 is shown in Fig. 2B. Up on being activated by the selection of a presentation 20 or by the initiation of a presentation 20, the performer 14 operates to load the presentation 20 including the URLs and presentation preferences, per operations block 330, and to sequence through the URLs with display to the user 24, per operations block 332. The performer 14 may be activated by the user 24 selecting the presentation 20 from a gallery of presentations, by the user 24 entering a web site that has been pre-configured with the composer 12 through activation of a hyperlink within another web site or e-mail message, by the user 24 opening an e-mail message with a hyperlink that activates the composer 12 directly, or by the user 24 performing a query with a results listing that automatically (or manually) activates the performer 12. The performer 14 additionally operates to present the user with a generic, presentation-independent control panel, per operations block 334, such as the system-interactive user area 54 of Fig. 4. The performer 14 continues to sequence through the URLs with the default presentation settings until the presentation 20 is paused or stopped by the user, per operations block 336. Alternatively, if the user 24 has modified the presentation settings, per decision block 338, the performer 14 continues the presentation 20 with the new presentation settings until the presentation 20 is stopped or paused by the user 24, per operations block 340.

In the preferred embodiment of system 10, and when using the composer 12, the site owner/developer is prompted to enter their presentation settings via interaction with a data entry screen 40, an example of which is shown in Fig. 3. Data entry screen 40 preferably includes a web site list field 42 that allows the site owner/developer to enter a web site address (URL) and a duration of display in a minute and second format (mm:ss). Data entry screen 40 also preferably includes a default duration field 44 should the site owner/developer not desire to enter a specific display time for each entered web site address. Data entry screen 40 also preferably includes a replay field 46 to indicate the number of times to replay the list of desired web sites, or to indicate a continuous replay, and preferably includes an order field 48 to indicate sequential or random display. Of course, numerous other manners of obtaining a site owner/developer's preferences may be used without departing from the spirit or scope of the invention.

Upon displaying a site owner/developer's list of desired web sites per the operation of the performer 14, system 10 preferably utilizes a display screen 50. An example of such a display screen is shown in Fig. 4. Display screen 50 includes a web site display area 52 and a system-interactive user area 54. System-interactive user area 54 preferably includes a site field 56, a time remaining field 58, and a replay field 60. System-interactive user area 54 also preferably includes a pause button 62, a site-forward button 64, a site-backward button 66, an edit options button 68, and a logout button 70.

Site field 56 provides an indication of the total number of web sites within a site owner/developer's entered URL list and an indication of the current web site's location within the list, e.g., 4 of 12. Time remaining field 58 provides an indication of how much longer the current web site will be displayed before system 10 displays the next web site. Replay field 60

provides an indication of the requested number of replays for the entered web site list, or whether the replay is to be continuous.

Pause button 62 enables a user of system 10 to stop the sequencing of the list of web sites and maintain the currently presented web site. Site-forward button 64 enables a user of system 10 to go to the next web site in the user-entered list or to go to the very last web site in the list. Site-backward button 66 similarly enables the user of system 10 to go to the previous web site in the user-entered list or to go to the very first web site in the list. Edit options button 68 enables a user of system 10 to re-access data entry screen 40 to modify entered preferences. Logout button 70 enables a user of system 10 to exit system 10 and return to vertical navigation of web sites. Of course, numerous other manners of interacting with the web site display of system 10 may be used without departing from the spirit or scope of the invention.

It should be noted that while the present invention has been described with the composer 12 being utilized by only a site owner/developer, a user may utilize the composer 12 to create their own personalized presentation of web favorites.

Horizontal Navigation

The system 10 of the present invention may be used to achieve horizontal navigation of a plurality of web site addresses. An example of a horizontal navigation web site address list, as would be entered into web site list field 42 through use of the composer 12, is provided in Fig. 5. As can be seen, each web site address represents a new and distinct address that would likely be unreachable via links in the other web site addresses. Thus, without the present invention, each address would have to be entered separately by a user, requiring considerable time. However,

with the present invention, the user can be presented with a slide show, capable of being stopped at any desired moment, of unrelated sites that may address multiple or single topics of interest. The user's experience in accessing the World Wide Web becomes analogous to browsing several publications sequentially instead of reading a single publication in its entirety, i.e., accessing a single-source, static-destination web site.

Vertical Navigation

The system 10 of the present invention may be used to achieve vertical navigation of a plurality of web site addresses. Fig. 6 depicts a typical web home page wherein numerous links to other pages within the web site are presented to the user, e.g., in the form of buttons 80 or keyword links 82. Upon selecting a link, the corresponding web page address is presented to the user. As such, to reach the various linked pages within the web site and/or to drill through the multiple layers of web pages that may be present in the web site, the user must select the link for each individual page. If a desired web page resides multiple layers of pages from the home page, the user must traverse each intermediate layer before finally reaching the desired web page.

However, upon invoking the present invention, e.g., by selecting the activator 84, the various links within the web site are written to web site list field 42 by automatic operation of the composer 12, and a slide show presentation of the various pages within the web site may begin. An example of a vertical navigation web site address list, wherein the plurality of links within a single web site are provided, is presented in Fig. 7. Once invoked, the present invention exhibits display screen 50 to the user, incorporating web site display area 52 and system-interactive user area 54, and presents a slide show of the linked web pages within the web site as depicted in Fig.

8 to the user 24 of the performer 14. The user 24 may, of course, pause on any web page desired for any amount of time and then resume the slide show presentation provided by the present invention.

5 **Item Navigation**

The system 10 of the present invention may be used to achieve item navigation of a plurality of web site addresses. Item navigation is most applicable to a listing of search results from a World Wide Web search engine or other knowledge base/data base search program (e.g., keyword search, list box, category reference, etc.). An example of a typical listing of search results from a search engine is presented in Fig. 9. As shown, each of the results provides a linked web site address 86 and a snippet 88 of the web site containing the search terms from the user's search query. Snippet 88 provides only a minor insight into the actual overall content of the web site. As such, the user must select each link to access the web site for review and determination of relevance to the user's interest. To access yet another search result link, the user must return to the list of search results and select another web site for review; a tedious and time consuming process.

However, upon invoking the present invention, e.g., by selecting the activator 84, the various links within the search result listing are written to web site list field 42 by automatic operation of the composer 12 and an application programming interface that integrates with site-based search functions, and a slide show presentation of the various pages of the search result listing may begin. An example of an item navigation web site address list, wherein the plurality of links corresponds to a list of search results, is presented in Fig. 10. Once the present invention

is invoked, the user need not return to the results list to access the next item. Each page is presented automatically, per Fig. 11, wherein display screen 50 incorporating web site display area 52 and system-interactive user area 54 is presented to the user through the operation of the performer 14. The user may, of course, pause on those pages they find interesting and/or relevant, then resume the automated presentation.

The present invention may be used to achieve one, two or all and/or a combination of the above-described manners of navigation including those situations where one type of navigation is embedded within another type of navigation. Of course, the present invention may be used to implement other manners of navigation without departing from the spirit or scope of the invention. Furthermore, each of the presentations viewed may be additionally enhanced with an audio overlay.

Thus, in view of the above, it can be seen that besides guiding visitors more quickly to relevant content, the present invention virtually eliminates the attention that visitors normally invest in pointing, clicking, and scrolling through web pages. As such, visitor satisfaction and productivity is increased, i.e., visitors to a web site stay longer, absorb more information, and return more quickly. The model of a passive site and active visitor clicking through pages is replaced by the adaptive presentation model of active site and active visitor. In this active site/active visitor model the site owner or developer can offer a range of tours through a site wherein each tour is adapted to the interests of a wide range of target audiences. Meanwhile, the visitor can have single-click control for pausing at any page to delve more deeply into available content and can also control the pace of presentation as well as select another presentation. Instead of actively pursuing random paths through web sites one click at a time, visitors now

have a choice. They can relax and enjoy one or many pre-established presentations -- all with the option of stopping and/or diverting anytime they encounter interesting content.

The present invention may be embodied in other specific forms without departing from the spirit of the essential attributes thereof; therefore, the illustrated embodiments should be considered in all respects as illustrative and not restrictive, reference being made to the appended claims rather than to the foregoing description to indicate the scope of the invention.

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